

12/22/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## REQUEST FOR FILING APPLICATION

Under Rule 53(a), (b) &amp; (f)

(No Filing Fee or Oath/Declaration)

(Do NOT use for Provisional or PCT Applications)

Use for Design or Utility Applications

PATENT  
APPLICATION

## RULE 53(f) NO DECLARATION

Hon. Commissioner of Patents  
Washington, DC 20231

Atty. Dkt.

PM 264793

M#

C00-032

Client #

Date:

December 22, 2000

Sir:

1. This is a Request for filing a new Patent Application (☐ Design ☒ Utility) entitled:2. (Complete) Title: APPROACH FACILITATING THE SELECTION OF VARIOUS MACHINE VISION FUNCTIONALITY  
FROM AMONG DIFFERENT PLATFORMS

without a filing fee or Oath/Declaration but for which is enclosed the following:

3. ☒ Abstract 1 page(s).4. 22 Pages of Specification (only spec. and claims); 5. ☐ Specification in non-English language

6. 43 Numbered claim(s); and

7. ☒ Drawings: 14 sheet(s) ☐ 1 set informal; 8. ☒ formal of size: ☒ A4 ☐ 11"

DOMESTIC/INTERNATIONAL priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

| Application No. | Filing Date | Application No. | Filing Date |
|-----------------|-------------|-----------------|-------------|
| (1)             |             | (2)             |             |
| (3)             |             | (4)             |             |
| (5)             |             | (6)             |             |

10. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in

| Application No. | Filing Date | Application No.                                                             | Filing Date |
|-----------------|-------------|-----------------------------------------------------------------------------|-------------|
| (1)             |             | (2)                                                                         |             |
| (3)             |             | (4)                                                                         |             |
| (5)             |             | <input type="checkbox"/> See 3 <sup>rd</sup> page for additional priorities |             |

11. (No.) Certified copy (copies): ☐ attached; ☐ previously filed (date) \_\_\_\_\_  
in U.S. Application No. \_\_\_\_\_ / filed on \_\_\_\_\_12. ☐ This is a reissue of Patent No. \_\_\_\_\_13. ☐ See top first page re prior Provisional, National, International application(s) (X box only if info is there and do not complete corresponding item 14 or 15.)14. ☐ Amend the specification by inserting before the first line -- This is a ☐ Continuation-in-Part  
☐ Divisional ☐ Continuation ☐ Substitute Application (MPEP 201.09) of:14(a) ☐ National Appln. No. \_\_\_\_\_ / filed \_\_\_\_\_ -- (M# \_\_\_\_\_)14(b) ☐ International Appln. No. PCT/\_\_\_\_\_ filed \_\_\_\_\_ which  
Designated the U.S., and that International Application ☐ was ☐ was not published  
under PCT Article 21(2) in English.--15. ☐ Amend the specification by inserting before the first line: --This application  
claims the benefit of U.S. Provisional Application No. 60/\_\_\_\_\_, filed \_\_\_\_.16. Extension to date: ☐ concurrently filed ☒ not needed ☐ previously filed17. ☐ Small Entity Status is claimed (pr -filing confirmation required)17(a) ☐ Attached: (No.) Small Entity Statement(s). (Since 9/8/00 Small Entity Statement not  
essential to make claim)17(b) ☒ See NONPUBLICATION REQUEST under Rule 213(a) attached (PAT-258)

18. ☐ Prior application is assigned to

by Assignment recorded \_\_\_\_\_ Reel \_\_\_\_\_ Frame \_\_\_\_\_

19. ☐ Attached:

20. This application is made by the following named inventor(s) (Double check instructions for accuracy.):  
(Listing of inventor(s) not a requirement, but list if known)

|                    |                                          |                       |                        |
|--------------------|------------------------------------------|-----------------------|------------------------|
| (1) Inventor       | William                                  |                       | SILVER                 |
|                    | First                                    | Middle Initial        | Family Name            |
| Residence          | Weston                                   | Massachusetts         | U.S.                   |
|                    | City                                     | State/Foreign Country | Country of Citizenship |
| Mailing Address    | 25 Arrowhead Road, Weston, Massachusetts |                       |                        |
| (include Zip Code) | 02493                                    |                       |                        |

|                    |                                                |                       |                        |
|--------------------|------------------------------------------------|-----------------------|------------------------|
| (2) Inventor       | Raymond                                        | A.                    | FIX                    |
|                    | First                                          | Middle Initial        | Family Name            |
| Residence          | Natick                                         | Massachusetts         | U.S.                   |
|                    | City                                           | State/Foreign Country | Country of Citizenship |
| Mailing Address    | 15 Village Hill Lane #1, Natick, Massachusetts |                       |                        |
| (include Zip Code) | 01760                                          |                       |                        |

|                    |                                        |                       |                        |
|--------------------|----------------------------------------|-----------------------|------------------------|
| (3) Inventor       | Aaron                                  | S.                    | WALLACK                |
|                    | First                                  | Middle Initial        | Family Name            |
| Residence          | Natick                                 | Massachusetts         | U.S.                   |
|                    | City                                   | State/Foreign Country | Country of Citizenship |
| Mailing Address    | 9 Penacook Lane, Natick, Massachusetts |                       |                        |
| (include Zip Code) | 01760                                  |                       |                        |

|                    |       |                       |                        |
|--------------------|-------|-----------------------|------------------------|
| (4) Inventor       |       |                       |                        |
|                    | First | Middle Initial        | Family Name            |
| Residence          |       |                       |                        |
|                    | City  | State/Foreign Country | Country of Citizenship |
| Mailing Address    |       |                       |                        |
| (include Zip Code) |       |                       |                        |

|                    |       |                       |                        |
|--------------------|-------|-----------------------|------------------------|
| (5) Inventor       |       |                       |                        |
|                    | First | Middle Initial        | Family Name            |
| Residence          |       |                       |                        |
|                    | City  | State/Foreign Country | Country of Citizenship |
| Mailing Address    |       |                       |                        |
| (include Zip Code) |       |                       |                        |

21. NOTE: FOR ADDITIONAL INVENTORS, check box ☐  
and attach sheet with same information regarding additional inventors.

**Pillsbury Madison & Sutro LLP**  
**Intellectual Property Group**

Cognex Corporation  
One Vision Drive  
Natick, MA 01760-2059  
Tel: (508) 650-3039  
Atty/Sec: RCI/ksh

By: Atty: Richard C. Irving

Reg. No. 38499

Sig:

*Richard C. Irving*

Fax: (202) 822-0944  
Tel: (202) 861-3788

NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:

Inventor(s): William SILVER  
Raymond A. FIX  
Aaron S. WALLACK

Atty Dkt: 7100 / 264793  
C# M#

Filed: Herewith

Title: APPROACH FACILITATING  
THE SELECTION OF  
VARIOUS MACHINE VISION  
FUNCTIONALITY FROM  
AMONG DIFFERENT  
PLATFORMS



December 22, 2000

**NONPUBLICATION REQUEST UNDER RULE 213(a)**

The attached new application is **NOT TO BE PUBLISHED** under 35 U.S.C. §122(b).

I hereby certify that the invention disclosed in the attached new application has not been  
and will not be the subject of an application filed in another country, or under a multilateral  
international agreement, that requires publication at eighteen months after filing.

This request is signed in compliance with the provisions of Rule 33(b).

Respectfully Submitted

Pillsbury Madison & Sutro LLP

Inventor(s) Assignee(s) of Record Per  
Enclosed Assignment

Sig: \_\_\_\_\_  
Name: William SILVER  
Date: \_\_\_\_\_

Assignee:

By Atty.: Richard C. Irving  
Reg. No.: 38499

Sig: \_\_\_\_\_  
Name: Raymond A. FIX  
Date: \_\_\_\_\_

By \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Sig: Richard C. Irving  
Date: 12/22/00  
Tel.: (202) 861-3788  
Fax: (202) 822-0944

Sig: \_\_\_\_\_  
Name: Aaron S. WALLACK  
Date: \_\_\_\_\_

Assignee:

By \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

# APPLICATION UNDER UNITED STATES PATENT LAWS

Atty. Dkt. No. PM 264793  
(M#)

Invention: **APPROACH FACILITATING THE SELECTION OF VARIOUS MACHINE VISION  
FUNCTIONALITY FROM AMONG DIFFERENT PLATFORMS**

Inventor (s): **William SILVER  
Raymond A. FIX  
Aaron S. WALLACK**

**Cognex Corporation  
One Vision Drive  
Natick, MA 01760-2059  
Telephone: (508) 650-3039**

## This is a:

- ☐ Provisional Application
- ☒ Regular Utility Application
- ☐ Continuing Application
  - ☒ The contents of the parent are incorporated  
by reference
- ☐ PCT National Phase Application
- ☐ Design Application
- ☐ Reissue Application
- ☐ Plant Application
- ☐ Substitute Specification  
Sub. Spec Filed \_\_\_\_\_  
in App. No. \_\_\_\_\_ / \_\_\_\_\_
- ☐ Marked up Specification re  
Sub. Spec. filed \_\_\_\_\_  
In App. No. \_\_\_\_\_ / \_\_\_\_\_

## SPECIFICATION

SCANNED, # 14